Contour Orchard and Other Fruit Areas (331)

1. Creation of benches, ridges, or terrace and modification of row direction and row grade

2. Establishment of woody biomass of desired species

D.1 (+) Cost of installation and maintenance; time and skill required by producer (short term)

D.2 (+) Equipment

D.3 (-) Runoff velocity

D.4 (+) Water infiltration

D.5 (+) Carbon stored in vegetation

D.6 (+) Canopy cover and vertical vegetative structure

I.1 (-) Labor, following installation (long term)

I.2 (+/-) Net return to producer

I.3 (-) Sheet and rill and ephemeral gully erosion

I.4 (+) Soil quality

I.5 (+) Crop productivity

I.6 (+) Potential income

I.7 (-) Sediment-borne contaminants

I.8 (-) Sedimentation

I.9 (+) Aquatic habitats

I.10 (-) Runoff volume

I.11 (-) Water-borne contaminants

I.12 (+) Water-borne contaminants to ground water

I.13 (-) Greenhouse gases

I.14 (+) Biofiltration

I.15 (+) Wildlife food and cover

I.16 (+) Upland wildlife

I.17 (+) Recreational opportunities

C.1 (+) Quality of receiving waters

C.2 (+) Fishable and swimmable waters

C.3 (+) Air quality

C.4 (+) Income and income stability (individuals and communities)

Notes:
Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.